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BLAST FURNACE RECONSTRUCTION HELPS STREAMLINE OPERATIONS -- Moscow, Trud,  
12 Jun 51

During the war, blast furnace No 2 of the Metallurgical Plant imeni Petrovskiy in Dnepropetrovsk was destroyed. This furnace has been reconstructed and is now again in operation. As compared with about 150 persons required to operate the furnace in former times, the work is now done by 22 workers only. Before the war, about 50 men were needed for charging the furnace, whereas only five men can do the job at present, including two mechanics, one electrician, one mechanic's assistant, and one auxiliary worker. At the same time, operation of the blast furnace has been speeded up and it now produces more metal than before the war.

"AZOVSTAL" PLANT MAKES IMPROVEMENTS -- Leningradskaya Pravda, 31 May 51

The "Azovstal" Plant has shipped a large quantity of special rolled steel, i.e., steel sheet-piling, to large construction projects. The production of steel sheet-piling was recently introduced at the "Azovstal" Plant. The plant has made some recent improvements and is now producing sheet-piling of shaped profiles. This type of piles is lighter and more watertight than the former type.

Alma-Ata, Kazakhstanskaya Pravda, 13 Jul 51

Steelworkers of the "Azovstal" Plant are competing in an effort to prolong the service period of open-hearth furnaces. A record figure of 181 melts was reached in one period between repairs; during this time, 12,500 tons of steel were produced above plan. This service period without repairs is without precedent in the case of tilting open-hearth furnaces. It was achieved by means of intermediate repairs during operations.

Kiev, Pravda Ukrainy, 22 Jul 51

The "Azovstal" Metallurgical Plant in Zhdanov fulfilled the Five-Year Plan as follows for production of pig iron, on 9 October; for steel, on 23 September; and for commercial rolled steel, on 17 August 1950. However, during the first quarter 1951 the plant has had serious shortcomings in its operation and has failed to produce the required quantities of pig iron, steel, and rolled steel.

The plant has promised to make up for its lag in production and to fulfill the 1951 plan ahead of schedule, producing above plan 2,000 tons of pig iron, 3,000 tons of steel, and 11,000 tons of rolled steel.

DNEPRODZERZHINSK PLANT PLEDGES INCREASED PRODUCTION -- Kiev, Pravda Ukrainy,  
4 Jul 51

The Dneprodzerzhinsk Metallurgical Plant imeni Dzerzhinskiy has pledged to fulfill the 1951 plan ahead of schedule and to produce 50,000 tons of pig iron, 15,000 tons of steel, and 20,000 tons of commercial (tovarnyy) rolled steel above plan, to improve utilization of equipment and reach a coefficient of furnace utilization of 0.84, and to attain the following indexes for steel output per square meter of furnace hearth in a 24-hour period: open-hearth shop No 1, 4.5 tons; and open-hearth shop No 2, 7.2 tons.

The plant also pledged to lower consumption of raw material, other materials, and electric power and to reduce all other expenses, thereby lowering production costs by 10 million rubles below plan; to introduce new techniques for improving

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the quality of sinter, to intensify the operation of open-hearth and blast furnaces, to introduce desulfurization of pig iron outside the blast furnace, and to begin the smelting of new types of steel in Bessemer converters and the production of new types of rolled steel. By mechanizing the processing of slag dumps, 60,000 tons of metal scrap are to be extracted in 1951.

COMPARES PROGRESS OF TWO UKRAINIAN PLANTS -- Kiev, Pravda Ukrainy, 11 Jul 51

Open-hearth shop No 2 of the Metallurgical Plant imeni Dzerzhinskiy has increased steel production during the past 10 years. The following table shows its output of steel per square meter of furnace hearth (in tons):

1941	1946	1947	1948	1949	1950
4.4	3.99	4.2	5.83	6.8	6.99

In 1951, steel output in open-hearth shop No 2 has exceeded 7.2 tons per square meter.

On the other hand, the "Zaporozhstal" Plant has made very little progress, as shown below (in tons per square meter):

1941	1948	1949	1950
5.39	5.25	4.81	5.03

During the first 6 months of 1951, the "Zaporozhstal" Plant produced an average of 5.68 tons per square meter of furnace hearth.

Open-hearth shop No 2 of the Plant imeni Dzerzhinskiy has exceeded the prewar output of steel more than 60 percent. The "Zaporozhstal" Plant has only slightly exceeded its prewar level.

YENAKIYEVO PLANT SUPPLIES METAL TO LARGE CONSTRUCTION PROJECTS -- Stalinabad, Kommunist Tadzhikistana, 10 Jun 51

The Yenakiyev Metallurgical Plant fulfilled the first 6-month plan for production of metal ahead of schedule. The plant shipped six trainloads of railroad and mine rails, girders, reinforcement steel, sheet iron, and foundry iron to builders of the Volga-Don Canal and the Kuybyshev and Stalingrad hydro-electric power stations.

PLANT BLAMED FOR DELAY IN METAL DELIVERY -- Kiev, Pravda Ukrainy, 20 May 51

The Stalino Steel Structures Plant received its first order for parts of locks for the Volga-Don Canal construction project. Everything was ready at the plant for production of these parts. However, fulfillment of the order is being delayed because the Ineprodzerzhinsk Metallurgical Plant imeni Dzerzhinskiy has not yet begun to deliver the metal necessary for these steel structures.

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